

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---|------------------|
| 1 | 17 | vlsoa or (vertical\$4 near2 lasing near2 semiconductor near2 amplif\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:44 |
| 2 | 16646 | vertical\$2 near4 cavit\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:44 |
| 3 | 13 | (vlsoa or (vertical\$4 near2 lasing near2 semiconductor near2 amplif\$4)) and (vertical\$2 near4 cavit\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:45 |
| 4 | 1031 | clamp\$3 near3 gain | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:45 |
| 5 | 11 | ((vlsoa or (vertical\$4 near2 lasing near2 semiconductor near2 amplif\$4)) and (vertical\$2 near4 cavit\$3)) and (clamp\$3 near3 gain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:46 |
| 6 | 8298 | (laser or lasing or lase) near3 threshold | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 11:47 |
| 7 | 11 | ((vlsoa or (vertical\$4 near2 lasing near2 semiconductor near2 amplif\$4)) and (vertical\$2 near4 cavit\$3)) and (clamp\$3 near3 gain) and ((laser or lasing or lase) near3 threshold) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:20 |
| 8 | 4 | 6445495.pn. or 6512629.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:24 |
| 9 | 1 | 01/28049 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:25 |
| 10 | 141 | "28049" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:25 |
| 11 | 1 | (vlsoa or (vertical\$4 near2 lasing near2 semiconductor near2 amplif\$4)) and "28049" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:26 |
| 12 | 1 | (vertical\$2 near4 cavit\$3) and "28049" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:26 |
| 13 | 1 | ((laser or lasing or lase) near3 threshold) and "28049" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:27 |
| 14 | 2416 | longitud\$6 with amplif\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:28 |

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| 15 | 1 | "28049" and (longitud\$6 with amplif\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:28 |
| 16 | 3785 | vcsel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:28 |
| 17 | 1 | "28049" and vcsel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:29 |
| 18 | 2232 | 359/134,160,337,34,341.3.ccls. or 372/70,72,83.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:34 |
| 19 | 49 | (vertical\$2 near4 cavit\$3) and (359/134,160,337,34,341.3.ccls. or 372/70,72,83.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:34 |
| 20 | 6 | (clamp\$3 near3 gain) and ((vertical\$2 near4 cavit\$3) and (359/134,160,337,34,341.3.ccls. or 372/70,72,83.ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/04 12:35 |